OPERATION GRAPH BASED EVENT MONITORING SYSTEM

ABSTRACT OF THE DISCLOSURE

A non-obtrusive activity monitor is proposed for advantageously monitoring and tracing disjunct, concurrent computer system operations in heavily queued computer systems.

5 For each traced and pending computer system operation, the monitor uses a hardware implementation of an event triggered operation graph to trace the path of the computer system operation through the computer system. For each followed path, a unique signature is generated that significantly reduces the amount of trace data to be stored. In a preferred embodiment, the trace information is stored together with a time stamp for

10 debugging and measuring queuing effects and timing behavior in a computer system.